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App F IX 4

Previous References

1947 48
(ml)

File No 75-47
Serial Nos 13 14

Later References
Ml 157-48(7,8)
GTB BG 7-50-(14,15)

GENERAL AND REVENUE SECRETARIAT

Serial Nos
Two

Part B for Ort W

SUBJECT

Estimate for Rs 1,87,400 for laying a duplicate main sewer for ~~No~~ Chamarajapet Area Bangalore city.

K 10489-92 - Rs 28 10 W

To Chairman, City Improvement Trust Board Bilore
Auditor pw. Dept
Chief Engr P&B
Ml Comm Bilore city
Thro the Provident

& Sanction the

Continuation Sheet | File No / Current No 899/L | of | Page

From the chairman,

Town Board, Bangalore

No 948 8-7-47

Requests sanction to an estimate for Rs 1,85,000 for laying a duplicate main sewer for Chamarajpet area

1) This may be sent in the first instance to the Chief Engineer, for Rs's for favour of scrutiny & early return at

No 9/8

No. 059 8 9/8/47

2) Forwarded with compliments to the Chief Engineer for favour of scrutiny & early return of the estimate

Yours faithfully

Chairman

9/8/47

VD 01570—G1PB—500 pads of 100 sheets each—12-2-46

re duplicating main sewer 899/m/8
for Chamarajpet area, Bang-

Continuation Sheet File No / Current No of Page

No W 108 22 5 47

3) Returned with compliments

2 The estimate is scrutinised and corrected to Rs 1,87,400/-

Web Pascal
Chief Engineer for R & B

The Revenue Secretary to Government-

23/9

4) Submitted

The estimate for Rs 1,87,400, as corrected by the Chief Engineer for R&B - Under para 3 above - for laying a duplicate main sewer for Chamarajpet area, Bangalore city, may be sanctioned; the cost being met out of the savings under the provision of Rs 8 lakhs made for disposal works under the comprehensive scheme" for the entire city, as proposed by the chairman, Trust Board, Bangalore dtd 24/9/1947

5) May be approved

new sewer

6) I agree - The estimate for Rs 1,87,400 may be sanctioned

Under Sec 74 (2) (a) of the City Municipal Act

30/9/47

FINANCIAL - CHITTAL
UOM No 23 62
1/10
BAN

K-501570-GPP-4500 pads of 100 sheets each—12-46

W.O. 2362-K

6899/Sec.I

OFFICE OF THE ... FOR EDUCATIONAL ... P.E.
Date 4/X
No. 2413

22 OCT 1947
2964

7) 1.10.47

8) 9/10/47

10/10

9) A draft ... is forwarded
Ma 13/10 10) As the file is to be submitted to the Dewan also
it is for orders whether the G.O. may issue
Forwarded now

11) May be submitted to the Dewan
for approval

12) for approval before
is done

Dewan)

20/10/47

ARH 24/10

25 OCT 1947

To,

Issue
25/10/47

The Chairman, Bangalore Transport
The Secretary, P.W.D.
The Chief Engineer for Roads
The Hd. Chairman, Bangalore
L 10489-92 of 28-8-47

Bma 13/11

Communicate the proposal.

GOVERNMENT OF MYSORE

Tele gram / phone

No G-48/for Rev 75-47-13
Encls

OFFICE OF
Chairman,
City Improvement Trust Board
BANGALORE

Date 24th July 1947

-ENDORSEMENT-

To

SYED ABDUL ALEEM, ESQ., B A.,
Secretary to Government,
Revenue Department,
BANGALORE

GEN & REV SECRETARIAT 899 9 AUG 1947 BRANCH

AUDIT SECTION 8.8 SUPERINTENDENT

Sir,

SUBJECT:- Estimate for Rs 1,85,000/- for laying a duplicate main sewer for Chamarajapet area

I have the honour to forward herewith for favour of sanction an estimate for Rs 1,85,000/- for the above work prepared by the Engineer Officer attached to the Trust Board The report accompanying the estimate explains the necessity for the work The subject was placed before the Board at its meeting held on 14-7-47, when the following resolution was passed

"RESOLVED that the estimate for Rs 1,85,000/- for laying a duplicate main sewer for Chamarajapet area be approved and sent to Government for sanction"

I accordingly request that sanction of

Government may kindly be obtained to the enclosed estimate, the cost on this account being met out of the anticipated savings under the lumpsum provision of P.W.D. Lakhs 2nds for "Disposal works under the Comprehensive Scheme sanctioned by Government."

I have the honour to be,
Sir,
Your most obedient servant,

EXECUTIVE ENGINEER.

W/gm

Report to accompany the estimate for laying a duplicate main sewer for Chamarajapet area, Bangalore City

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The existing main of Chamarajapet which is intended to be retained as per the comprehensive scheme has been inspected in detail and it is noticed that a large number of houses have been actually built on the sewers in certain portions The sub main from Bull Temple road which joins the Chamarajapet main between Bull Temple Road and 6th Main Road passes through private lands and underneath several houses The very existence of the sewer lines appear to have been completely ignored while granting licenses for buildings in the area, by the City Municipality in the previous years and houses have been permitted to spring up on the main sewer lines This is a very serious situation and requires immediate attention

The residents of the locality are greatly inconvenienced on the occasions when the sewers get choked up and the sewage ~~beings~~ begins to overflow through manholes into the backyard of houses Such occurrences are not infrequent The existing state of conditions is very seriously affecting the public health of the locality and calls for immediate solution It is also observed that the existing main is not capable of conveying the entire discharge expected from the whole of Chamarajapet and portions of Basavanagudi, Shankarapur and Gavipur Extensions as the population has increased considerably in the recent years and the discharge into the sewer has proportionately increased It is now proposed to admit the sewage from other undeveloped areas between Bull Temple

road and Gavipur Guttahalli and Guttahalli proper into the Chamarajapet main. The slope of the existing main is such that it is not capable of taking in any additional quantity of sewage and therefore a duplicate line is necessary.

Further, it is inevitable that in places where the lines run under structures, separate lines have to be laid and the flow diverted from the old line to the new one to be laid now along the Municipal roads. The portions of old line over which buildings have not come up will, however, be retained and in addition, a duplicate line capable of dealing with the additional flow will be laid as proposed in the accompanying estimate

The proposed duplicate line will be taken at a much lower level than the existing main, as it has to serve the low lying areas of Guttahalli, which has extended almost up to the water spread of Kempambudhi tank. When this duplicate main is laid, the pumping of sewage from Guttahalli area to the Chamarajapet which is now being done could be eliminated, as the sewage could be conveyed by gravity alone into this new main. This will also affect savings under recurring expenditure by way of power and maintenance charges of the pumping unit

The lie of the ground behind the bund is such that there is a steep fall and levels admit of the proposed duplicate main being taken at a lower level.

It may not be out of place to point out that the existing main has actually been taken on uprights in

certain portions in tank bed and for the entire length where it runs parallel to the bund the line is exposed as it runs above the ground level The pipe line often gets damaged and the sewage will get into the tank through broken pipes and contaminate the water in the tank The old line in this portion will be abandoned and only a single line capable of discharging the entire flow from Chamarajapet and other areas will be laid.

The proposed duplicate main starts from the existing M H 14 and is taken along the Sir K P Puttanna Chetty Road and the Cross Roads up to M H 7. In this portion, the actual discharge expected is 1 40 cusecs, while the proposed 12" sewer will be capable of discharging 2 2 cusecs

From M H 7, pipe line is continued along the Appu Rao Road and the diameter is increased to 15" The sewer will have a gradient of 1 in 130 in this reach

The sub main from Basavanagudi and the Bull Temple Road which is now going through private land and underneath the houses will be discontinued from M H 135 and linked to the proposed Main at M H 11 as shown in the plan The total discharge at this point will be 2 74 Cusecs

From M H 11 to M H 17, 15" line will be laid at a gradient of 1 in 100 and will have a discharging capacity of 3 15 cusecs against the expected discharge of 2 74 cusecs

At M H 17, sewage from Gavipur Guttahalli will be discharged into the Main, bringing the total discharge to 3 24 Cusecs

From M H 17 to M H. 23, 18" diameter sewer with a gradient of 1 in 200 is proposed The discharging capacity of the sewers will be 3 66 cusecs against the expected total discharge of 3 38 cusecs.

From M H 23, a 24" line is proposed to take the entire discharge of the area The flow from the existing main sewer going on upright at this point will be diverted into the new line at M.H 23 and the remaining portion of the old main which is exposed will be abandoned

As the sewer line will have to be taken much below the water level in the tank in this reach from this point and onwards C I pipes are proposed for the entire length, in preference to Stoneware pipes This will facilitate the jointing also in the sense that one joint will have to be made for every 16 feet as against every joint of 2 feet length in the case of stoneware pipes This will also help speedy execution of the works and cast iron would be safer to use than stoneware in view of the cutting involved

The estimate provides for laying 1283 R Ft. 1563 R Ft. of 15" dia S W. pipes and 1,695 R.Ft of 12" dia S W.Pipes of 24" C I. Pipe and 994 of 18" diameter S W pipes and also for the construction of 28 manholes.

Suitable provisions for blasting hard rock and also pumping out water from trenches during excavation and pipe laying are also made in the estimate A lump sum

provision of Rs 1,000/- has also been made for the acquisition of lands in places where the line has to be laid in private property

It is also proposed to reduce the water level in the tank by about 6 Feet with a view to avoid stagnant pool here and there and to reclaim a portion of the tank bed for taking the proposed duplicate main Further, the tank has no weir and the existing cyphon is seldom operated as a result of which the water in the tank after a heavy shower will back up almost up the Gavipur Guttahalli road A lump sum provision of Rs 10,000/- has, therefore, been made to construct a weir or to provide a row of pipe to take away the surplus water and maintain the water in the tank at a particular level even during the monsoon months

The estimate provides for Temporary Establishment tools and plant charges and contingencies and amounts to Rs 1,85,500/- The cost of the work is proposed to be met out of the anticipated savings under the lump sum provision of Rs 8,00,000/- made for "Disposal Works" under the Comprehensive Scheme

ENGINEER OFFICER,
C I Trust Board,
Bangalore

gvm/-

26/6/47

G R S App F VI—G 2]

SUBJECT

6 copies

CS

Diary No of letter replied to

General and Revenue Secretariat

( )

the *193*

Date of issue 28-10-1947

Signed by M G R Rao

May this be —

(i) printed ?

(ii) treated as a standing order ?

(iii) published in the Gazette English Part ?

(iv) translated ?

(v) placed at the disposal of the press ?

(vi) published in the Gazette Kannada Part ?

Section Mel

File No 75-47

Serial No 14

Proceedings of the Government of His Highness the Maharaja of Mysore

Read— Letter No 9488/S dt 7-8-47 from the chairman, C & T Board, Bangalore forwarding for sanction, an estimate for Rs 1,85,000 for laying a duplicate main sewer for ~~Order thereon—No~~ channarayapatna area, Bangalore city and stating that the cost of the work will be met out of the anticipated savings under the Irrigation Programme of Rs 8 lakhs made

P T O

for "Disposal works under the comprehensive scheme" of Bangalore city sanctioned

to

2) Memo of Chief Engineer No 108 & 22-9-47 of the Chief Engineer for R+B returning the estimate duly scrutinised and corrected to Rs 1,87,400

order No L 10489-92-ML-75-47-14 Dt 28/10/47

The estimate for Rs 1,87,400, as scrutinised by the Chief Engineer for R+B, for the above work is sanctioned, the cost being met out of the source mentioned above

List of Enclosure

From Secretary

Copied by

Examined by ✓

To,

The Chairman, C & I Board, Bangalore W&R
The Director, P W D ✓
The Chief Engineer for R+B ✓
The AG (Audit) Bangalore for the pt ✓

WD 0564—GPB—22 500—9 1 39

By 14 WD

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS
THE MAHARAJA OF MYSORE

R E A D:-

Letter No.G.48 dated 7th August 1947 from the Chairman, City Improvement Trust Board, Bangalore, forwarding for sanction, an estimate for Rs.1,85,000/- for laying a duplicate main Sewer for Chamarajapet area, Bangalore City and adding that the cost of the work will be met out of the anticipated savings under the lumpsum provision of Rs.8 lakhs made for "disposal works under the comprehensive scheme" of Bangalore City already sanctioned.

2) Un-official note No.108 dated 22nd September 1947 from the Chief Engineer for Roads and Buildings returning the estimate scrutinised and corrected to Rs.1,87,400.

O R D E R No. L 10489-92-HL-75-47-14

Dated, Bangalore, the 28th October 1947.

The estimate for the above work for Rs.1,87,400, as scrutinised by the Chief Engineer for Roads and Buildings is sanctioned, the cost being met out of the source pointed out above.

SECRETARY TO GOVERNMENT,
REVENUE DEPARTMENT.

To

The Chairman, City Improvement Trust Board, Bangalore with records.

The Auditor, Public Works Department.

The Chief Engineer for Roads and Buildings.

The Municipal Commissioner, Bangalore City through the President.

DS/6 Spare